

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> E-filed 04-23-2010				Complete if Known		
				Application Number	10/705,544	
				Filing Date	11/10/2003	
				First Named Inventor:	Kathrin Berkner	
				Art Unit	2624	
				Confirmation No.	5145	
				Examiner Name	Bayat, Ali	
Sheet	1	of	2	Attorney Docket No.	074451.P159	
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	1	5,933,823		08-03-1999	Cullen et al.	
	2	6,363,381 B1		03-26-2002	Lee et al.	
	3	2003/0165273 A1		09-04-2003	Berkner et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
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	NPL1	MARCO AIELLO, et al., "Document Understanding for a Broad Class of Documents," IJDAR 5: 1-16 (2002), (16 pgs.)	
	NPL2	H. S. BAIRD, et al., "Global-to-Local Layout Analysis," from Series in Computer Science, Vol. 19, Structural Pattern Analysis, workshop by IAPR Technical Committee on Syntactic and Structural Pattern Recognition," Pont-a-Mousson, France, September 1988. (18 pgs.)	

Examiner Signature		Date Considered	
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	NPL3	CATTONI, R. et al., "Geometric Layout Analysis Techniques for Document Image Understanding: a Review," ITC-IRST, Trento, Italy, January 1998, pp. 1-68.	
	NPL4	CHENG, H. et al., "Trainable Context Model for Multiscale Segmentation," in Proc. IEEE Int'l. Conf. on Image Proc. -- ICIP '98, Chicago, IL, October 4-7, 1998 pp.610-614 (5 pgs.)	
	NPL5	CHOI, H. et al., "Multiscale Texture Segmentation Using Wavelet-Domain Hidden Markov Models," in Proc. 32 nd Asilomar Conf. on Signals, Systems and Computers, Pacific Grove, CA, November 1-4, 1998, pp. 1287-1291 (5 pgs.)	
	NPL6	DUDA, R. O. et al., "Pattern Classification," Chapter 1 - Introduction, copyright 2001, 2 nd Edition, by John Wiley & Sons, New York, ISBN 0-471-05669-3 (22 pgs.)	
	NPL7	JIANG, JIANMIN et al., "Extracting Shape Features in JPEG-2000 Compressed Images," Lecture Notes in Computer Science Vol. 2457, Springer Verlag, Berlin 2002, (10 pgs.).	
	NPL8	NEELAMANI, R. et al., "Multiscale Image Segmentation Using Joint Texture and Shape Analysis," SPIE's 44 th Annual Meeting, International Symposium on Optical Science and Technology, August 2000, San Diego, CA, (14 pgs.)	
	NPL9	SHIN, C .K. et al., "Classification of Document Page Images Based on Visual Similarity of Layout Structures," Proc. SPIE, Vol. 3967, Document Recognition and Retrieval VII, pp. 182-190, San Jose, CA, 2000, (9 pgs.)	
	NPL10	VELTCAMP, R. D. et al., "Content-Based Image Retrieval Systems: A Survey," Technical Report UU-CS-200-34, Department of Computing Science, Utrecht University, October 2000, (62 pgs.)	
	NPL11	ITU-T Rec. T.800 (2000 FCDV1.0)/ ISO/IEC FCD15444-1:2000 (V1.0, 16 March 2000) "JPEG 2000 Image Coding System," http://www.jpeg.org/public/fcd15444-1.pdf (205 pgs.)	

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